NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE SPECIFICATION

GRADE STABILIZATION STRUCTURE – LOG DROP STRUCTURE -

CODE 410-L

1. MATERIALS

The logs shall be structurally sound, reasonably straight, and of the sizes shown on the drawings. They shall be pine, fir, or cedar.

The wire used for tying the logs shall be galvanized commercial malleable No. 9 wire or heavier.

CONSTRUCTION

The site shall be graded and excavated to accommodate logs as shown on the drawings.

The logs shall be attached together, as shown on the drawings, and as directed by the engineer.

All earth backfill around logs shall be moist enough to form a tight ball when squeezed in the hand.

Backfill should be compacted, using hand or power driven tampers, to a density equaling the native embankment. Hand tampers shall not have a face larger than two sq. ft. Routing of heavy equipment over backfill shall not be considered adequate compaction.

TOLERANCE

Maximum deviation allowable in elevation of weir crest, abutment walls, and apron will be 0.3 ft. above or below the design elevation.